

EFFICIENTLY STORING ELECTRONIC PROGRAM GUIDE

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ABSTRACT OF THE DISCLOSURE

5 The present invention partitions the EPG, allowing storage of portions of the EPG in separate memory components. Based on viewer preferences, the invention identifies preferred portions of the EPG and stores these portions in the more rapid memory. The more rapid memory can be electronic, or RAM. The invention partitions the EPG into at least three portions: the channel portion, the schedule portion and the program portion. The invention further divides each portion into a
10 subportion (or submodule) including only preferred data. The invention updates the information stored in the memory module having the most rapid access. The invention also detects infrequently accessed portions of the EPG stored in the most rapid memory and moves the infrequently accessed portions to memory with slower access. The memory with slower access can be magnetic, or a hard drive. Storing
15 only preferred portions of a program guide in memory having rapid access maintains the speed of access to the preferred portions of the EPG and increases the amount of available memory with rapid access.